

**Soviet Foreign Trade in 1962, by L. Cherepnova, A. Sashvan-
nikova, 21 pp.**

RUSSIAN, par, Vneshni Torgov, No 11, 1962, pp 8-17.

JPRS 22054

**USSR
Econ
Jan 64**

245, 458

Fungi Found on Ticks, by N. Cherepanova.
RUSSIAN, per Bot. Zh. SSSR, Vol. 49, No. 5,
1964, pp 626-699
CSIRO/No. 7880

Al Cherepanova

Sci -
Aug 67

337-336

On the Influence of Secondary Electron Emission of the
Insulators on the Stability of Vacuum Tube Parameters,
by N. V. Cherepenin.

RUSSIAN, per, Radiotekh i Elektronika, Vol I, No 1,
1956, pp 38-50. 255-377

Morris D. Friedman C-110
11/57

May 58

63,190

(NY-3000)

Modernization of Equipment - A Most
Important Resource in Increasing Pro-
ductivity, by A. Baykov, I. Cherapin,
5 pp.

RUSSIAN, per, Partynaya Zhizn, No 1,
1959, pp 21-24.

JPRS-1734-H

91,435

USSR
Econ - Technological - USSR Industry
Jul 59

Automatic Oscillation Counter for Measurement
of Internal Friction, by E.T. Golovan', A.I.
Efimov, V.T. Cherepin, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 12, 1959,
pp 1515-1517.

Instruc Soc of Amer

Sci
Jan 61

135,018

116
Characteristics of Phase Transformations in
Deformed Ferrous Alloys with High-speed Electric
Heating, by V. N. Gridnev. V. T. Cherepin.
RUSSIAN, per, Izv VUZ Chem Metal, No 9, 1963,
pp. 169-73.
NLL Ref: 5809.95 (T.6108)

V. T. Cherepin

Sci-Materials
July 69

200.270

Investigation of the Burden Materials Descent
in a Blast Furnace by Means of Radioactive
Isotopes, by A. A. Cherepivsky, A. M. Skrebtsov.
UKOL

Stal.

RUSSIAN, per, ~~Engineering~~, No 8, pp 687-690.

DEIN IIN M.647

(loan)

111,095

UKOL

Recs - Ceramic Industries
Mar 60

Cherepkov, I.F.
ÉCHANGE D'EXPERIENCES. ELASTICITE DES VA-
PEURS DE HNO_3 AU-DESSUS DES SOLUTIONS RÉCI-
PROQUES DES ACIDES NITRIQUES ET SULFURIQUES
(The Vapor Pressure of HNO_3 Above the Solutions of
Nitric and Sulfuric Acids). 7p. CNRS-VIII bis 624.
Order from OIS, ETC or CNRS SL 10 TT-62-26546

Trans. in French of Khimicheskaya Promyshlennost'
(USSR) 1959, no.8, p.708-709.

DESCRIPTORS: *Nitric acid, *Sulfuric acid. Physical
chemistry. Vapors. Elasticity.

(Chemistry-Physical, TT, v. 14, no. 9)

TT- 62-26546

I. Cherepkov, I.F.
II, CNRS-VIII bis 624
III, Centre National de la Recherche
Scientifique, Paris

Office of Technical Services
European Translation Centre

Cherepkov, I. F.
FORMATION DU BROUILLARD DE H₂SO₄ LORS DE
LA PRÉPARATION DE CET ACIDE EN PRÉSENCE
DES COMPOSÉS DE L'AZOTE (Tumanoobraznaya
Kisloty v Nitrozhnom Sernokislom Protseesse) (Fog
Formation by Acid in the Nitrosylsulfuric Acid Proc-
ess) 13p.
Order from OTS, ETC or CNRS \$0.80 62-26500

Trans. in French of Khimicheskaya Promyshlennost'
(USSR) 1940, v. 17, no. 3, p. 18-24.

DESCRIPTORS: Sulfuric acid, Nitrogen compounds,
Sulfur compounds, Dioxides, Aerosols, Experimental
data.

(Engineering--Chemical, TT, v. 10, no. 8)

62-26500

I. Title: Nitrosylsulfuric
acid

I. Cherepkov, I. F.

II. Centre National de la
Recherche Scientifique,
Paris (France)

1247970

Office of Technical Services

On the Physical-Chemical Nature of Silver
Activator in Zinc Sulfide Phosphors, by A. A.
Cherepnev, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIII,
No 11, 1959, pp 1321-1226.

Columbia Tech

Sci

Feb 61

138,320

The Problem of the Position of the Copper Activator
in Zinc-Sulfide Scintillators, by A. A. Cherepnev,
5 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz,
Vol XXVIII, Apr 1955, pp 458-462. CIA C 40846

American Inst of Physics
57 East 55 St.
New York 22, N. Y.

Scientific - Physics

31,652

Dependence of the Absorption and Luminescence
Spectra of the Phosphor ZnS-Cu Upon the Copper
Content, by M. H. Alentsev, A. A. Cherepnev,
1 pp,

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXVI,
1954, pp 473-478.

23,507

CIA/FDD/Z-246

Scientific - Physics

May 55 CTS

Formation of Luminescence Centers in ZnS-Cu
Luminophores, by A. A. Cherepnev, T. S. Dobrolyub-
skaya, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVI,
No 4, 1949, pp 621-623.

CIA/FDD/X-1270

70,809

Scientific - Chemistry
CTS/DEX

NY 5078

We Are Combining the Servicing of Communications
and Wire-Broadcast Extension Facilities, by N. I.
Gerasenko, 7 pp.

RUSSIAN, per, Vestnik Svyazi, No 10, 1955.

JPRS 7015

Sci

Aug 61

161,990

(SP-1875/9)

General Questions in the History of Soviet
Historiography, by M. Nechkina, Yu. Polyakov,
L. Cherepnin. 15 pp.

RUSSIAN, per, Kommunist, No 9, 1961, pp 58-70.

JPRS 10233

USSR

170, 448

Pol

Oct 61

Accelerated Firing of Construction Earthenware
in Periodic-Operation Kilns, by V. L. *
Dobuzhinsky, P. G. Cherepain, 4 pp.

RUSSIAN, per, Steklo i Keramika, Vol XIII,
No 12, 1956, pp 18-20.

Consultants Bureau

Sci - Chem, Engr

Jun 59

91, 449

2/19-11

chere pol

Manual, by A. I. Gno. 4. 63 pp.

RUSSIAN, 1955, 3-86.

US JPRS L-479-0

LSR

Geo

Jan 59

79, 81

(S701879)

Academy of Sciences Institutions News Items, by V. P. Shatrov, N. F. Bakeyev, E. I. Cherepov, 7 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, No 6, 1961, pp 99-107

JPRS 10392

Sci - Misc.

Oct 61

172, 815

DEVELOPMENT OF CHEMICAL INDUSTRY IN BELORUSSIA, BY
S. CHEZHOVICH, 3 PP.

RUSSIAN, NP, SOVIET BELORUSSIA, 15 AUG 1963, P 2.

JPRS 21338

USSR
ECOM
OCT 63

345,795

S-394/64

In the Siberian Science Town, by Ye. I. Cherepoviy,
(DC-6931)

RUSSIAN, photostat, pp 40-47.

WJRW

Sci - Misc
13 Jul 62

An X-Ray Study of the Physiology of the Motility of
the Gastro-intestinal Tract of Dogs after
Stimulation or Destruction of the Hypothalamic
Region, by I. A. Chereshev, 6 pp.

RUSSIAN, per, Fiz Zhur SSSR imeni I. M. Sechenova,
Vol XLVII, No 9, 1961.

Elsevier Pub Co

Sci

Oct 62

216,56x6

Disturbances of Conditioned Reflex Activity in Dogs
Resulting From Direct Stimulation and From Destruction
of the Hypothalamic Region, by I. A. Chereshev,
Chereshev, 7 pp.

RUSSIAN, per, Zhur Vyshey Nerv Deyatel Bani I. P.
Pavlova, Vol X, No 6, 1960, pp 696-902.

PP

Sci
Apr 62

192,790

New Data on the Biology and Morphology of
Gastrophilus Pectoris P., by H. A. Geresch.
par, 13 pp.

MUSCOZAN, par, Alma-Ata Akad Nauk Inst Zool
Trudy ZIL, parazitfol, 1953, pp 84-101.

SIA R-1661

Sci

and 58

68.387

61-19532

Chereshnev, N. A.
THE USE OF OZHU-5 MACHINES AND SOME EFFECTIVE MEANS OF CONTROL OF INTERNAL BOTFLIES OF LIVESTOCK (Ispol'zovaniye Mashin Ozhu-5 i Nekotorykh Effectivnykh Sredstv v Bor'be s Polostnymi Ovodami Zhivotnykh) tr. by M. Slade. [1960] [10]p. (foreign text included) 2 refs. [CSIRO] Trans. no. 5184.
Order from OTS or SLA \$1.10

61-19532

Trans. of Veterinariya (USSR) 1960 [v. 37] no. 3, p. 66-69.

DESCRIPTORS: *Aerosol generators, *Diptera,
*Veterinary medicine, Parasitic infections

- I. Oahu machine
- I. Chereshnev, N. A.
- II. CSIRO Trans-5184
- III. Commonwealth Scientific and Industrial Research Organization (Australia)

Office of Technical Services

(Agriculture--Animal Husbandry, TT, v. 6, no. 1)

Determining the Cloud Base From an Aircraft, by
V. P. Lenshin, V. G. Cherevan', 3 pp.

RUSSIAN, per, Vost. Vol. Flot, No 8, 1959, pp 51, 52.
649524

AMIC

USSR

1959

Oct 59

99,977

Preventing Logs From End Splitting, by V. P. Gortepan,
A. R. Cherevchenko, 4 pp.

RUSSIAN, per, Lennya Press, Vol XIV, No 5, n 1954,
pp 9, 10.

Sol Tr Center
KT-4001

USSR - Economic

39,168

Dep 26 CTS/001

The Esterification Mechanism of Glutaric Acid,
by M. S. Zhedek, M. E. Kats, G. V. Chernavash,
3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 2, 1953, pp 212-215.

Consultants Bureau

Scientific - Chemistry CTS/DEX

18,042

3
The Unified Deep-Water System of Inland Waterways
in the European Part of the USSR, by P. Chagovskii, 8 pp.
RUSSIAN, par, Railway Transport, No 4, 1964, pp 28-30.
JPRS 23356

USSR
Econ
Aug 64

264,663

On the Elastic Moduli of a two-Phase Solid, by
N. A. Khrvozhina, A. S. Cherevko, 4 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VXXI,
No 2, 1959, pp 161-164.

RP

Feb

Dec 60

134, 9/2

Cherevov, K.
HELICOPTER-CAMERAMAN AND BUILDER (Vertolet-
Kinooperator i Stroitel'). 15 Nov 60 [5]p. MCL-380/1.
Order from LC or SLA mi\$1.80, ph\$1.80 61-19450

Trans. of Ogonek (USSR) 1959, no. 32, p. 25.

This is an encomium describing in popular language the
role of the helicopter in both aerial photography and
building.

(Engineering--Aeronautical, TT, v. 5, no. 11)

61-19450

I. Helicopters--Applications

I. Cherevov, K.

II. MCL-380/1

III. Technical Information

Center, Wright-Patterson
AFB, Ohio

Office of Technical Services

Preparing children for life in the USSR.
Including, by M. Chugayeva, 3 pp.

RUSSIAN, 1st, Nashal'naya shkola, No 2, 1960.

Internal Affairs of USSR
Sov. Education
Vol. XX, No 7

USSR

Sov

Aug 60

122,069

(NY-5689/3)

Age Changes in the Intensity of Radiomethionine
Incorporation in the Proteins of the Crystalline
Lens, by Ye. V. Cherevychna, I. I. Chykalo, 6 pp.

~~XXXXXXXXXX~~

UKRAINIAN, per, Ukrayins'kyy Biokhim Zhur,
Vol XXXII, No 5, 1960, pp 678-681.

JPRS 7964

Sci - Med

147,230

Apr 61.

CHEREYSKIY, I. A.

Tarnishing and Spotting of Motorcar Headlight Reflectors.

RUSSIAN, Avtomobil Prom, No 3, 1949.

Sci Museum Lib
50/1168

(NY-6503)

The Cytogenetic Effect of Ionizing Radiation
and Streptomycin, by L. V. Ghoroshanova, E.
S. Dubinin, 4 pp.

RUSSIAN, 1st, Dok Ak Nauk SSSR,
Vol XLIII, No 1, 1961.

JPRS 14202

Sci - Med
Aug 62

203,314

(NY-6503)

The Cytogenetic Effect of Ionizing Radiation
and Streptomycin, by L. V. Ghoroshanova. E.
L. Labinin, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR,
Vol CXLII, No 1, 1961.

JPRS 14202

Sci - Med
Jun 62

203,314

Rapid Moulding of Chipboard Sheets, by
V. M. Cherezova, 3 pp.

RUSSIAN, per, Derevoobrabatyvayushchaya
Prom, No 2, 1960, pp 7-9,

OSIR, TDA, D-7
~~Timber Develop Assoc, Ltd~~

USSR

Econ

9 Oct 61

9
160,974

Prospects of Fishery Development in Internal
Reservoirs of the Soviet Union, by B. I. Cherfas,
L. S. Berdichevskiy, et al.

RUSSIAN, per, Iz Ak Nauk, Ser Biol, No 6, Nov, Dec
1961, pp 926-930. 9209795

USDA Tr A-1383

Sci - Biol & Med Sci
Jul 63

236,219

63-15935

Cherfas, B. I.

TASKS OF ICHTHYOLOGY IN CONNECTION WITH
PROBLEMS OF FISH CULTURE (Zadachi Ikhtologii v
Svyazi s Problemami Rybovodstva). 27 Feb 63, 14p.

Trans. A-1387.

Order from OTS or SLA \$1.60

63-15935

Trans. of Voprosy Ikhtologii (USSR) 1955, no. 3,
p. 3-8.DESCRIPTORS: *Fishes, Reproduction (Physiology),
Identification, Growth, Ecology, Morphology, Lakes,
Distributog.The basic problems of Soviet fish culture are enumer-
ated and possible solutions are given. Consideration is
given to: reproduction of valuable commercial stocks,
fish acclimatization, rationalization of lake economy,
organization of river fish economy and the fish industry,
repopulation of reservoirs with desirable species, and
the raising of new and improved stocks of fish.I. Cherfas, B. I.
II. Trans-A-1387

A847571

(Biological Sciences--Zoology,
TT, v. 10, no. 7)

Office of Technical Services

RADIATION INJURY TO CANF GONADS, BY N. V.
CHERFAS, 18 PP.

RUSSIAN, PER, VOPROSY ENTICHOLOGII, VOL II,
NO 1, (22), 1962, PP 104-115.

R

JUN 1972

SCI-BIOL
JUN 63

234,767

Interceptor Signals in Chronic Experiments,
by L. I. Ardashnikova, I. T. Dzheliev, V. N.
Chernigovsky, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CIV,
No 2, 1977, pp 411-413. 413,

Amer Inst of Biol Sci

Sci - Med

May 58

63,595

(REF ID: A6648)

Serious Shortcomings in the Work of the
Communications-Administration Staff, by K. P.
Cherivanenko, 11 pp.

RUSSIAN, per, Vostnik Svyazi, 6, 1954.

JPRS 7110

147, 7/6

Sci

Apr 61

(NY-5092)

Nomenclature of the Planning Indices Should Be
Improved and Financing System Should Be
Simplified, by K. P. Cherivenenko, 5 pp.

RUSSIAN, per, Vestnik Svyazi, No 12, 1955.

JPRS & 7073

Sci

166, 165

Sep 61

Study of the Immunogenic Properties of Bivalent
as-Gangrene Toxoid (Clostridium Perfringens and Cl.
edematiens) in Man, by G. P. Cherkas, 5 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i
Gigienobiol, Vol XXX, No 9, 1959, pp 90-94.

PP

Sci

Sep 60

127,572

Method of Production of a Preparation for
Active Immunization Against Clostridium
Perfringens and Cl Oedematons, by G. P.
Cherkas, 5 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i
Immunobiol, Vol XXIX, No 7, pp 60-64,
1958.

Pergamon Inst

Sci - Med

85,970

Apr 59

Influence of Recombination at the Nonrectifying
Electrode on the Properties of Alloyed Germanium
Diodes, by N. A. Panin, K. V. Cherkas, 11 pp.

RUSSIAN, per, Radiotekh i Elektr, Vol III, No 12,
1958, pp 1495-1500.

SLA 59-24736

Sci
Dec 59
Vol 2, No 5

104,268

Characteristics of the Kinetics of the Isomeri-
zation of Allylbenzene on Platinum Films at
High Temperatures, by V. I. Shimulis, V. M.
Cryuznov, A. E. Cherkashin, 7 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol I,
No 3, 1960, pp 401-407.

CB

168,547

Sci
Sep 61

Concerning Anhysteretic Magnetization Curves of
Ferromagnetic Metals and Alloys, by V. S.
Cherkashin, A. I. Drobiz, 5 pp.

RUSSIAN, par, Iz Ak Nauk SSSR, Ser Fiz, Vol XXVI,
No 2, 1962, pp 291-295.

CONF

Sci

Jan 63

233,287

CHERKASHIN, E. E., DIERKACH, F. A., and Prjevlotskaya,
S. M., Franko L'viv State U.

Chemical Reactions of Intermetallic Phases I. ~~Disintegr~~
Disintegration of the ~~Intermetallic~~ Compounds Ag_5Al_3
and Mg_2Pb

& Zhur Obsheh Khim, Vol XIX, No 5, 1949, pp 781-787

Consultants Bureau Translation

Cherkashyn, E. E., Gladyshevs'kiy, E. L., and
Krip'yakovich, P. L.

COMPOUNDS OF TRANSITION METALS AND
BERYLLIUM, SILICON, GERMANIUM AND TIN,
18 Mar 59, 5p Secfs

Contract AT(11-1)-171.

Order from OTS or SLA \$1.10

DC-59-3-176

Trans. of Lvov U. Dopovidit ta Povidomiennya (USSR)
1957, v. 7, pt. 3, p. 180-183.

Another trans. is available from LC or SLA mi\$1.80,
ph\$1.80 as 59-10890 [1958] 4p.

DESCRIPTORS: *Transition elements, *Intermetallic
compounds, Beryllium compounds, Silicon compounds,
Germanium compounds, Tin compounds.

(Chemistry--Inorganic, TT, v. 10, no. 10)

62-25194

I. Cherkashyn, E. E.
II. Gladyshevs'kiy, E. L.
III. Krip'yakovich, P. L.
IV. DC-59-3-176
V. General Electric Co.,
Cincinnati, Ohio
VI. Contract AT(11-1)-171

125200

Office of Technical Services

Solid Solutions on the Basis of Metallic Compounds,
by E. I. Gladyshevskiy, E. E. Ocherkashin, 8 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol. I, No. 4,
1956, pp. 1394-1401.

REC-77-14587

Sci

340,927

Apr 63

Crystal Structures of Ternary Compounds in Li-Cu-Al
and Li-Zn-Al Systems, by E.E. Cherkashin, P.I.
Kripyakevich et al, 5 pp.

RUSSIAN, per, Kristallografiya, Vol VIII, No 6,
1963, pp 846-851.

Amer Inst of Phys
sov Phys - Crystall
Vol VIII, No 6

Sci
Jun 64

261, 857

X-Ray Diffraction Structural Investigations of
Some Systems of Transition Metals, by E. E.
Cherkashin, E. I. Gladeyshevskiy, P. I. Kripyakov
vitch, O. B. Kuzna, 4 pp.

RUSSIAN, rpt, Reports of Conference on Investiga-
tions of Phase Diagrams of Metallic Systems, Acad
of Sci, USSR, Moscow, 1956.

CIA/FDD/X-2832

Sci - Physics
Apr 58

62, 01/58

High-Temperature Catalytic Transformations of 1-
Isopropyl-4-Methylcyclohexane in Presence of Hydrogen
Under Pressure, by N. I. Shuikin, M. I. Cherkashin,
4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3,
1959, pp 507-510.

CB

Sci -
May 61

153,041

Demethylation During Hydrogenolysis of Five-Membered
Cyclanes and n-Alkanes on a Skeletal Ni Catalyst,
Catalyst, by M. I. Shulkin, M. I. Cherkashin,
6 pp.

RUSSIAN, per, ⁴⁰ ~~200~~ Obshch Khim, Vol XXIX, No 7,
1959, pp 2225-2229.

CB

Sci

Aug 60

124,686

Hydrogenolysis of Cyclopentanes over a
Skeletal Ni - Al Catalyst, by M. I.
Shuikin, M. I. Cherkashin, 3 pp.

RUSSIAN, per, Iz, Ak Nauk SSSR, Otdel Khim
Nauk, No 1, 1959, pp 168-170.

Consultants Bureau

Sci - Chem

Apr 60

113,201

Catalytic Isomerisation of Bicyclopentyl in
Presence of Hydrogen Under Pressure, by N. I.
Shaykin, M. I. Cherkashin, G. K. Gayvoronskaya,
3 pp.

RUSSIAN, por, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, 1958, pp 626-628.

Consultants Bureau

Sol - Chem

Apr 69

112,272

Some Specific Characteristics of a Skeletal Nickel-Aluminum Catalyst in the Hydrogenolysis of a Cyclopentane Ring, by H. I. Skupin, H. I. Gorbashin, 3 pp.

RUSSIAN, par, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 10, 1957, pp 1256-1257.

Consultants Bureau

Sci - Chem

May 59

86,941

Selective Demethylation of n-Alkanes Over a
Skeletal Nickel-Aluminum Catalyst, by N. I. Shuykin,
N. I. Cherkashin, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 7, 1957, pp 878-879.

Consultants Bureau

Sci - Chem

May 53

88,856

29
Polymers With a Conjugated Bond System and
Electrochromism in the Carbazone Class. XX.
Synthesis of Polymeric Phenoloxazines, and
Investigation of their Basic Photochemical
Properties, by A. A. Berlin, L. G. Cherkashina,
N. I. Bolshakov, 12 pp.
RUSSIAN, per. Vysok. Sped. Vol IV, No 1,
1962, pp 373-383. 942814
Annul. Mineral. Soc
T-21-42

Sci - Chem
Jul 66

263,838

Catalytic Transformations of Isopentylcyclopentane
in Presence of Hydrogen Under Pressure, by
N. I. Shuikin, M. I. Cherkashin, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, 1960, pp 484-489.

CB

Sci

May 62

195,365

Catalytic Transformations of β -Cymene Over Platinized
Alumina in Presence of Hydrogen Under Pressure, by
H. I. Shuikin, M. I. Cherkashin, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 1, 1960, pp 90-93.

CB

Sci
May 62

XREF 192,863

Catalytic Transformations of Methyl Substitutions
of Cyclohexane Under Hydrogen Pressure, by E. I.
Shukhin, M. I. Cherkashin.

RUSSIAN, per, is Mirskh 2552, Otdel Khim Nauk
No 3, 1998, pp 373-374.

Access Tech Rep R3-3402
" " " 100000

Sci - Chem

Apr 89

85, 288

V A Cherkashin

Earthmoving Operations Under Winter Conditions, by
V. A. Cherkashin, V. P. Gorbunov, 164 pp.

RUSSIAN, bk, Proizvodstvo Zemlyanykh Rabot v Zimnikh
Usloviyakh, 1961.

ARM/FSTC/RT-23-34-72

May 72

The Use of Ion Exchange Resins for
Separating Chlorophenoxyacetic Acids, Their
Salts, and Phenol, by I. K. Tsitovich,
V. I. Cherkashin, 7 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVIII,
No 10, 1963, pp 1255-1261.

Q CD

Sci
Aug 64

264,607

Effect of Ultrasonic Vibration and Alternating
Magnetic Fields on the Domain Structure
of Silimancon Steel, by D. A. Laptev, V. S.
Cherkashin, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XXV, No 12, 1961.

CTT.

Sci

Jan 63

220,260

Compounds of Transition Metals and Beryllium, Silicon,
Germanium and Tin, by E. E. Cherkashin, E. I.
Gladishevskiy, P. I. Kripyakevich, 6 pp.

RUSSIAN, per, Dopovidi L'viv Derzhav, Univ imeni I.
Franka, Vol VII, No 3, 1957, pp 180-183.

AEC DC-59-3-176

Sci - Min/Metals
Jun 62
List 69

197, 823

X-Ray Structural Analysis of Certain Systems
of Transition Metals, by Ye. Ye. Cherkashin
et al., 11 pp, UNCL.

RUSSIAN, per, Zhur Neorgan Khim, Vol III,
No 3, 1958, pp 650-653. C1/A 64706

ATIC F-13-9531/V

Sci - Chem

Jul 59

91,146

Measurement of the Back Scattering of Sound by an
Internal Wave, by A. N. Barkhatov, Yu. N. Cherkashin,
3 pp.

RUSSIAN, per, Akust Zhur, Vol VIII, No 1, 1962,
pp 56-59.

AIP
Sov Phys - Acoustics
Vol VIII, No 1

Sci

Oct 62

214,411

Alloys in the Titanium-Chromium-Boron System, by
N. V. Cherkashina, N. A. Nedumov, F. I. Shamray,
3pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 9,
1969, pp 2025-2031.

Cleaver-Hume Press

Sci
Aug 61

165,231

Interaction of Various Forms of Internal Inhibition,
by R. A. Cherkashina, 22 pp.

RUSSIAN, per, Trudy Inst Vysshoy Nervnoy Deyatel'
Ser Fiziol, Vol II, 1956.

OTS 60-21859
PL 480

Sci - Med

Feb 61

EST No 71

139,798

Interaction of the Different Forms of Internal
Inhibition, by R. A. Cherkashina, 13 pp.

Jncy
RUSSIAN, per, Trudy Inst Vyshey Nervoy Deyatel'
Ser Fiziol, Vol I, 1955, pp 67-77.

OTS 60-21857
FL-480

Sci - Med
Feb 61
BST No. 69

139,813

The Present State of the Analytical Chemistry of
Selenium, Indium, and Thallium, by T. V. Cherkashina,
V. N. Vladimirova, 15 pp

Russian, per. Soviet Lab. Vol XXV, No 11, 1958;
pp 1307-1316

Instru Soc of A

Sci
Nov 60

132 pp

Analysis of Intermetallic Alloys, by Yu. A. Chernikov,
E. V. Cherkashina, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 1, 1959,
pp 26, 27.

SLA 59-14253

Sci - Minerals/Metals
Vol II, No 2
Sep 59

98,682

Modification of Muscle Contracture by Inter-
ceptive Stimulation, by I. D. Boenko, S. I.
Vasilov, V. L. Cherkashyna, 8 pp

RUSSIAN, per, Fiziol Zhur SSSR, imeni I. M.
Sechenova, Vol XLVI, No 2, 1960, pp 210-213

PP

Sci

Oct 60

130,174

Observations on the State of Rest of *Euglena*
Geniculata DUJ in Light and in Darkness, by
O. P. Braslavs'ka, V. L. Cherkas'kiy.

UKRAINIAN, per, *Ukrains'kii Botanichnyi Zhurnal*,
Vol XI, No 2, 1954, pp 55-61.

DSIR LLU RTS 1568

Sci - Biol

128,848

Oct 60

Analytical Application of the Formation of Hexamino-
trihydrazobenzenes, by A. I. Cherkasov, I. M. Kulberg,
2 pp.

RUSSIAN, bimo per, Zhur Anal Khim, Vol XI, No 1,
Jan/Feb 1956, pp 89-90. CIA 542769 C, reel 4.

Consultants Bureau

Sci - Chemistry

37,384

Aug 1956

Cherkasov, A. N.
A NOTE ON LINEAR DIFFERENTIAL EQUATIONS
OF THE SECOND ORDER. [1962] 9p. 62-20220
Order from OTS or SLA \$1.10

Trans. of Moscow U. Vestnik. [Seriya Matematiki,
Mekhaniki, Astronomii, Fiziki, Khimii] (USSR) 1958
[v. 13] no. 3, p. 13-16.

DESCRIPTORS: *Equations, *Differential equations,
Integration.

(Mathematica, TT, v. 9, no. 11)

62-20220

I. Cherkasov, A. N.

Office of Technical Services

On Solutions of the Equation $\frac{d^2x}{dt^2} = F(x, \frac{dx}{dt})$, by
A. N. Cherkasov, 13 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Matemat,
No 5 (12), 1959, pp 208-218. 9092649

MDF C-119

Sci

171, 684

Oct 61

Absorption and Fluorescence of Vinylanthracenes
and Change of Their Molecular Configuration Due
to Excitation, by A. S. Cherkasov, K. G. Voldaikina,
6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXVII,
No 5, 1963, pp 628-633.

CTT

Sci
Jun 64

261,905

28
On the Kinetics of Photochemical Transformations and
Concentration Fluorescence Extinction of 9-Mono-
substituted Anthracenes, by A. S. Cherkasov, T. M. Vamber,
12 pp.
RUSSIAN, par, Optika i Spektroskopiya, Vol IV, No 2,
1968, pp 222-232. 9221528
ANG-11-1969

Sci-Phys
May 64

257,481

Spectral Investigation of Products Formed During
Polymerization of Styrene With 9-Vinylanthracene
Additions, by A. B. Cherkasov, E. G. Valchikina,
10 pp.

RUSSIAN, per, Vyssheshchennyye Sovetskoye.
Vol. III, 1961, pp 570-.

AEC TR-5065

Ecl. - Chem
Jul 62
List 70

204, 738

Effect of Fluorescence Quenchers on the Fluorescence
Spectra of Solutions of Some Anthracene and
Phthalimide Derivatives in Mixtures of Solvents, by
A. S. Cherkasov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XXXIX, No 3,
1961, pp 658-661.

CB

Sci

190,320

Apr 62

Influence of Solvent Viscosity on the Fluorescence
Spectra of Certain Organic Compounds,
by A. S. Cherkasov, G. I. Dragneva, 4 pp.

RUSSIAN, par, *Optika i Spektro*, Vol X, No 4, 1961
pp 466-472.

OSA

164,203

Sci

Aug 61

The Effect of Conjugation Between an Anthracene Ring and A Double Bond in an Alkene Substituent on the Fluorescence and Absorption Spectra, by A. S. Cherkasov, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 4, 1959, pp 848-851.

Consultants Bureau

Sci

Apr 60

114,968

Absorption and Fluorescence Spectra and the
Fluorescence Quantum Yield of Certain Methyl-
and Methylmesoaryl Anthracenes, by A. S. Cherkasov
4 pp.

RUSSIAN, per, Optika i Spektro, Vol VII, No 3,
1959, pp 326-331.

OSA

Sci

149,478

Apr 61

On the Influence of p-Toluidine on the Quantum
Fields of Photo-Oxidation and Photo-Dimerization
of Some Anthracene Derivatives, by A. S.
Cherkasov, E. M. Vember, 4 pp.

RUSSIAN, per, Optika i Spektro, Vol VIII, No 3,
1959, pp 320-325.

OSA

Sci

Apr 61

149,479

Intermolecular Interactions Revealed Through
Fluorescence Spectra of Acetylanthracenes
Dissolved in Mixed Solvents, by A. S. Cherkasov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 6,
1960, pp 1288-1290.

CB

Sci

Apr 61

149,761